

Study Programme

Academic year 2025-2026

Faculty of Engineering and Architecture

Bachelor of Science in Engineering Technology -- Information Engineering Technology

Language of instruction: Dutch

Programme version 5

| 4 | 0 | Courses | | | - 00 | ماناه میر | | | | |
|----|---------|---|------------|---------|---------|-----------|--|--|--|--|
| 1 | General | Courses | | | 60 (| credits | | | | |
| Nr | Course | | CRDT | Ref MT1 | Session | Study | | | | |
| 1 | E701033 | Mathematics I Tanja Van Hecke Department of Information Technology | 6 | 1 | A:1 | 180 | | | | |
| 2 | E701023 | General Chemistry Maarten Sabbe Department of Materials, Textiles and Chemical Engineering | 6 | 1 | A:1 | 180 | | | | |
| 3 | E701024 | Electricity Luc Dupré Department of Electromechanical, Systems and Metal Engineering | 6 | 1 | A:1 | 180 | | | | |
| 4 | E701051 | Design Tools Kathleen Gekiere Department of Structural Engineering and Building Materials | 4 | 1 | A:1 | 120 | | | | |
| 5 | E701029 | Materials Geert De Clercq Department of Materials, Textiles and Chemical Engineering | 3 | 1 | A:1 | 90 | | | | |
| 6 | E701030 | Mechanics Tom Claessens Department of Materials, Textiles and Chemical Engineering | 6 | 1 | A:J | 180 | | | | |
| 7 | E701052 | Engineering Project Kathleen Gekiere Department of Structural Engineering and Building Materials | 5 | 1 | A:J | 150 | | | | |
| 8 | E701034 | Mathematics II Tanja Van Hecke Department of Information Technology | 6 | 1 | A:2 | 180 | | | | |
| 9 | E701056 | Physics Sven Van Loo Department of Applied Physics | 6 | 1 | A:2 | 180 | | | | |
| 10 | E701053 | Computer Science Helga Naessens Department of Information Technology | 6 | 1 | A:2 | 180 | | | | |
| 11 | E701054 | Sustainable Energy Technologies Jeroen De Kooning Department of Electromechanical, Systems and Metal Engineering | 3 | 1 | A:2 | 90 | | | | |
| 12 | E701055 | Electronics Jo Verhaevert Department of Information Technology | 3 | 1 | A:2 | 90 | | | | |
| 2 | General | Courses | 15 credits | | | | | | | |
| Nr | Course | | CRDT | Ref MT1 | Session | Study | | | | |
| 1 | E702010 | Signals and Systems Martijn Huynen Department of Information Technology | 6 | 2 | A:1 | 180 | | | | |
| 2 | E702090 | Statistics and Mathematical Data-analysis Tanja Van Hecke Department of Information Technology | 6 | 2 | A:2 | 180 | | | | |
| 3 | E702702 | Business Administration Birger Raa Department of Industrial Systems Engineering and Product Design | 3 | 3 | A:2 | 90 | | | | |
| 3 | Courses | Related to the Main Subject | | | 105 | credits | | | | |
| Nr | Course | | CRDT | Ref MT1 | Session | Study | | | | |
| 1 | E702040 | Electronics II Stefaan Lambrecht Department of Information Technology | 3 | 2 | B:1 | 90 | | | | |
| 2 | E702210 | Advanced Programming | 6 | 2 | A:1 | 180 | | | | |

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| 3 (| C003771 | Databases Guy De Tré Department of Telecommunications and Information Processing | 6 | 2 | A:1 | 180 |
|------|---------|--|---|---|-----|-----|
| 4 E | E761029 | Discrete Mathematics Cristina Tonesi Department of Information Technology | 3 | 2 | A:1 | 90 |
| 5 E | E761039 | Data structures Sam Leroux Department of Information Technology | 3 | 2 | A:2 | 90 |
| 6 E | E761018 | Programming in C and C++ Helga Naessens Department of Information Technology | 6 | 2 | A:1 | 180 |
| 7 E | E702060 | Signals and Systems II Martijn Huynen Department of Information Technology | 3 | 2 | A:2 | 90 |
| 8 E | E761090 | Software Design Veerle Ongenae Department of Information Technology | 3 | 2 | A:2 | 90 |
| 9 E | E761036 | User Interfaces Veerle Ongenae Department of Information Technology | 6 | 2 | A:2 | 180 |
| 10 E | E761037 | Software Project Veerle Ongenae Department of Information Technology | 3 | 2 | A:2 | 90 |
| 11 E | E761060 | Operating Systems Wim Van Den Breen Department of Information Technology | 6 | 2 | A:2 | 180 |
| 12 E | E761100 | Software Development & Operations | 6 | 3 | | 180 |
| 13 E | E761042 | Algorithms Pieter Simoens Department of Information Technology | 6 | 3 | A:2 | 180 |
| 14 E | E702100 | Computer Hardware Wim Van Den Breen Department of Information Technology | 6 | 3 | A:1 | 180 |
| 15 E | E761080 | Machine Learning Pieter Simoens Department of Information Technology | 6 | 3 | | 180 |
| 16 E | E761050 | Computer Networks Wouter Tavernier Department of Information Technology | 6 | 3 | A:1 | 180 |
| 17 (| C002126 | Multimedia Peter Lambert Department of Electronics and Information Systems | 6 | 3 | A:2 | 180 |
| 18 E | E761070 | Network Management Wouter Tavernier Department of Information Technology | 3 | 3 | A:2 | 90 |
| 19 E | E761040 | Distributed data processing Bruno Volckaert Department of Information Technology | 3 | 3 | B:2 | 90 |
| 20 E | E765003 | Network and Computer Security Eli De Poorter Department of Information Technology | 6 | 3 | | 170 |
| 21 E | E731028 | Data Communication Jo Verhaevert Department of Information Technology | 3 | 3 | A:2 | 90 |
| 22 E | E761043 | Interdisciplinary Project Helga Naessens Department of Information Technology | 6 | 3 | A:2 | 180 |

Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the cours name, using the following ISO codes:

bg: Bulgarian de: German es: Spanish ja: Japanese pl: Polish sh: Kroatian/Serbian zh: Chinese

cs: Czech el: Greek fr: French nl: Dutch pt: Portuguese sl: Slovene it: Italian ru: Russian da: Danish en: English no: Norwegian sv: Swedish

Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned. When a semester is shown in brackets, the course in not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

c: annually, from 2026-2027 f: annually, from 2027-2028 i: annually, from 2028-2029 a: bi-annually b: tri-annually

d: bi-annually, from 2026-2027 g: bi-annually, from 2027-2028 j: bi-annually, from 2028-2029 h: tri-annually, from 2027-2028 e: tri-annually, from 2026-2027 k: tri-annually, from 2028-2029

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